Notebook, PN-87-00-00.4, ca. 1887

This undated notebook was probably used by Edison about 1887. It contains a few calculations and drawings, some of them concerned with generators. In the middle of the book are a guest list and menu written by Mina Miller Edison. The front cover is stamped "Note Book." The pages are unnumbered, and the book has been used in both directions. Approximately 40 pages have been used.

#57
Shelf 6
Box 3

1 sec 3 feet,
1/4 6
16- 12
64 24 - 1 min
48 4
96, 16
192 - 64
384 256 ~~50~~ mil 4
768, 1024 12.5 8
~~32~~ ~~16~~ 1 foot
~~100~~ ~~2~~
6 1.00. 3 feet
.25 6
.6 12
12 24

60) 1024. (17 hours
60
424
420

2 miles 5 months
20
4 80
8 320 -
16 1280
32
33 miles 100 years
~~110~~ 300. 50

300 3
75 6
18 12
5 24
1.25 48
.30 - 80 3 sec
.7 160 .12
320 48

Mrs Mrs
Mrs Mrs
Mrs

2

12
60 lbs
72
400
2880.00

3

400 feet,
60
24000 -

400
720
8000
2800
28800
4

12
60
720

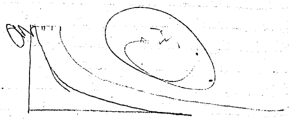
144
80
1152

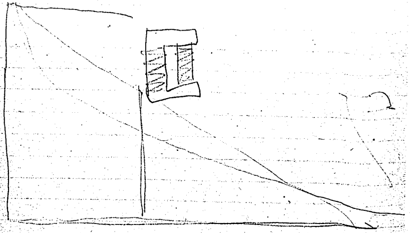
15 lbs per inch
60 cents inch

3. ~~2ft~~ 10 square inches lb -

2850
4
11,520

2 - feet 2
4 8
8 32
16 128 - 2 min
32 8
64 32
2 hrs
128 8
256 32 hours
512





6 $\frac{1}{2}$ 32/1.000

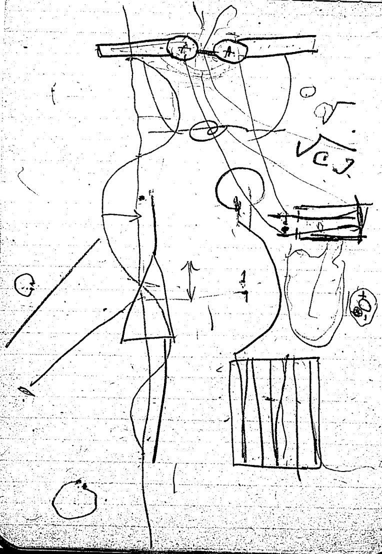
3 $\frac{1}{4}$ —   16/100 —

1.6   8.

120 msec

$\frac{1}{5}$ inch surface

inch surface. 13 miles
long - $\frac{1}{20}$ of sec before
Hughes relay works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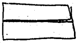
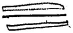
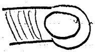
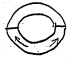
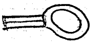
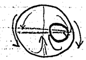


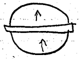


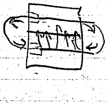


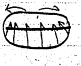


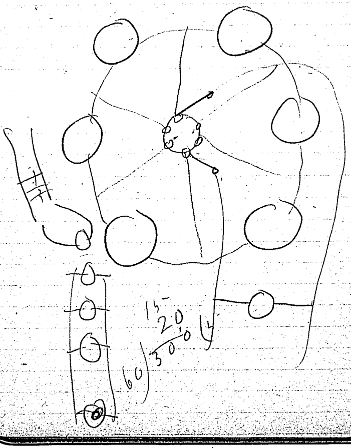











15
20
30
60

3600 ohm
7200
14,400

3. sec.

12 sec

48
4

1 hour

230 - 4

14.400
28800 —— 192
57600 768
115,200 3072

```
60) 4032 (66.
    360
     432
     360
```

mls	ohms	
	1800.	
	3600 ohms,	1 sec
900	1800	4
450	900.	16
225	450.	64
112.	225	256.
56	112	1024.
28	56	4096
14	28	16384
7	14	65536
3½	7	262144
	3½	1048,576

17 30
15
8650
~~5~~ 1000
13650

7. 3)5200
1730

13 20
260.

20 1500

15000 20
60)30000
300
60

5000)1.048,57~~6~~.

500)100.000 (200.
1.000.

5000 60
300000

13650 Sqr feet,

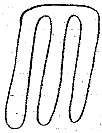
3/8. 3 feet

36 feet

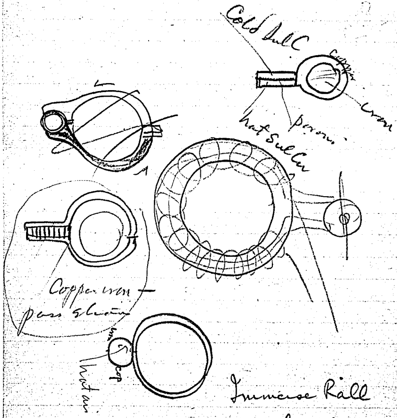
13650
36
81900
40950
5200) 491400 (94.
468000
23400
20800

94 Mfarad,

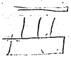
3 feet	1	1
6	4	2
12	16	4
24	1 min	8
48	4	16
96	16	32
192	1 hour	1 min
384	4	2
768.	16 — hour	4

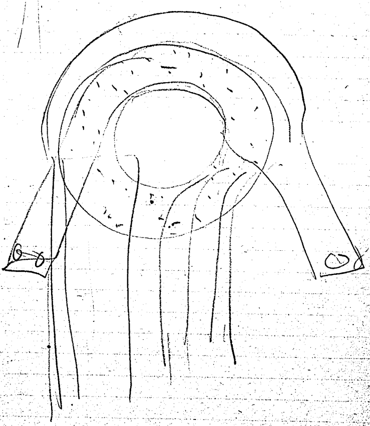


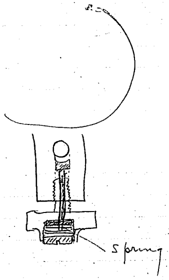
When red hot iron demagnetized cools
" " " Magnetized heats


Cold Sulp
Copper
Iron
porous
hot Sulphur
A
Copper iron —
pass Sulphur
iron
cop
hot air

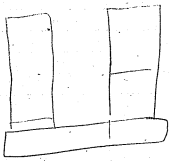
Immerse Ball
sulphur in
Iron & other metallic
Solution see if
Conducting surface given



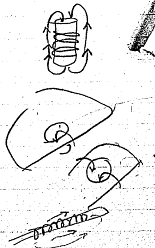


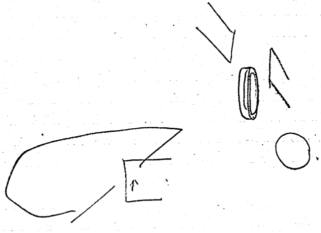

Spring

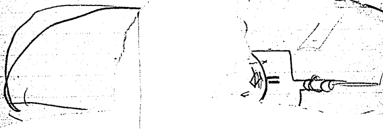
15
200
4 oz - 5 · 60)3000(50

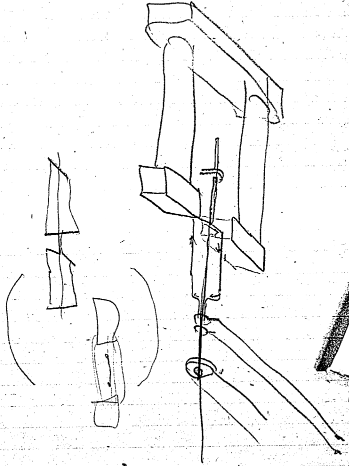


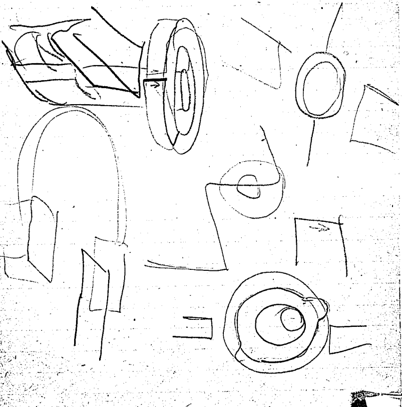
5 oz	50 Sec
16	16 Sec
2	8
4	4
8	2
16	1
32	1 in 2 Sec
64	4
128	8.
256	16
512	32 "
1024	1 min











Add Spaulding ✓
Bates " ✓
Harry & Frank ✓
Edith Burke ✓
Mable " ✓
Louise Edey ✓
Anna " ✓
May Vincent ✓
Mable Houste ✓
Marjorie " ✓
May Anchin ✓
Millie Woodhull ✓
Eddie Burke ✓

Menu

Menu
Clams
Chicken

Menu
Clams
Chicken Soup
Celery Radishes
Roast Veal
Potatoes Jelly
Stuffed Peppers

Have Bell bring coal
See to water & light being turned
Pf -

6sec Volts.	3	4½	5¾	6
1000.	500.	250	125	0
[illegible].	12	18.	21	24
250.	48.			96

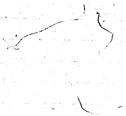
10 tons.

1200

20000
6
120,000

120
20
2400

[THIS BOOK WAS USED IN BOTH DIRECTIONS. THE FOLLOWING PAGES WERE FILMED FROM THE BACK END FORWARD.]

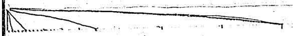


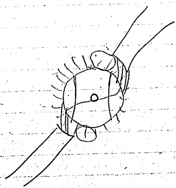
1000

500 $\frac{1}{2}$ 500. 250. 125 62 31 15

250 $\frac{3}{4}$ 250: 1sec 125, 4 62 - 16 31 1 min 15, 4 7. 16

0 1^{sec} ~~[illegible]~~ 0.4 0 16 0.64 0.4 0 16 1 hour





Marshall -

Try following Experiments acurately.
put Reg A lamp on pump - Calibrate
your McLeod guage, Take a reading
Every minute until no air bubbles are
perceptible Then heat filiment up inside of
15 seconds to as high temperature as you